

What is claimed is

1 1. A method of call acceptance in a telecommunications cell comprising the step
2 of providing for each requesting call a quality of service descriptor specific to that call,
3 and accepting that call only when the required quality of service can be provided and also
4 the required qualities of service of existing calls will not be unacceptably affected.

1 2. The method according to Claim 1 in which the quality of service descriptor
2 comprises a service degradation descriptor which specifies a preferred type of
3 degradation of quality of service.

1 3. The method according to Claim 2 in which the service degradation descriptor
2 specifies acceptable decreases in jitter and bit error rate, and the order in which such
3 decreases are to be applied.

1 4. The method according to Claim 3 in which there is also provided a second
2 quality of service descriptor specific to each requesting call comprising a seamless
3 service descriptor which specifies a preferred quality of service during a handover from
4 one telecommunications cell to another.

1 5. The method according to Claim 4 in which the seamless service descriptor
2 specifies quality of service on handover by specifying bandwidth requirements.

1 6. A wireless mobile telecommunications network comprising a core network, a
2 plurality of base stations and a plurality of mobile terminals, there being a connection
3 admission controller, a policer unit and a scheduler, comprising means to specify at least
4 one quality of service descriptor specific to a requesting call, and in that the connection
5 admission controller is arranged to accept the requesting call only when the quality of
6 service in the descriptor can be provided, and the qualities of service descriptors specific
7 to existing calls will not be unacceptably affected.

1 7. A network according to Claim 6 in which the connection admission controller
2 comprises a Boolean decision maker and a connection impact evaluator arranged to
3 assess the impact of accepting a requesting call into an active telecommunications cell.